UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria. Virginia 22513-1450 www.uspio.gov

### , , . . .

7590

08/26/2004

Dr. Daniel P. Morris, Esq. IBM Corporation Intellectual Property Law Dept. P.O. Box 218 Yorktown Heights, NY 10598 EXAMINER

MOHAMEDULLA, SALEHA R

ART UNIT

PAPER NUMBER

DATE MAILED; 08/26/2004

| - 1 |                             |            |                      | <u> </u>                           |      |
|-----|-----------------------------|------------|----------------------|------------------------------------|------|
| Į   | APPLICATION NO. FILING DATE |            | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. CONFIRMATION N |      |
|     | 10/657,665                  | 09/08/2003 | Marie Angelopoulos   | VOR9200101351/52                   | 2169 |

NOTICE OF ALLOWANCE AND FEE(S) DUE

TITLE OF INVENTION: ATTENUATED EMBEDDED PHASE SHIFT PHOTOMASK BLANKS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION PEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$300           | \$1630           | 11/26/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

| Manager Art Contraction of the C | ****  |  | JE FEE and Pirders and notifical specifying a | JBLICATION FEE (if requestion of maintenance fees new correspondence address | aired). Blocks 1 through 5 will be mailed to the curren s; and/or (b) indicating a sep   | should be completed wher<br>t correspondence address a<br>parate "FEE ADDRESS" fo |
|--|---|--|---|--|--|---|
| CURRENT CORRESPONDEN   | CE ADDRESS (Note: Use Block 1 for                             | any change of address)                     |   | Note: A certificate of   | f mailing can only be used the   | for domestic mailings of th   |
| 7  | 7590 08/26/2004   |  |   |  | his certificate cannot be used<br>al paper, such as an assignment<br>te of mailing or transmission.  | ent or formal drawing, mus  |
| Dr. Daniel P. Mo<br>IBM Corporation<br>Intellectual Proper   | orris, Esq.   |  |   | Ce   | rtificate of Mailing or Tran<br>his Fee(s) Transmittal is beir<br>with sufficient postage for fi-<br>il Stop ISSUE FEE address<br>ZTO (703) 746-4000, on the | emiesian .  |
| P.O. Box 218   | oy naw popu   |  |   | transmitted to the USI   | II Stop ISSUE FEE address<br>PTO (703) 746-4000, on the  | s above, or being facsimil date indicated below.                                  |
| Yorktown Heights   | , NY 10598  |  |   |  |  | (Depositor's name)  |
|  |   |  |   |  |  | (Signatore)   |
|  |   |  |   |  |  | (Date)  |
| APPLICATION NO.  | FILING DATE   |  | FIRST NAMED I                                 | NVENTOR  | ATTORNEY DOCKET NO.  | CONFIRMATION NO.  |
| 10/657,665   | 09/08/2003  |  | Maric Angel                                   | opoulos  | YOR920010135US2  | 2168  |
| TITLE OF INVENTION: A  | TTENUATED EMBEDDER  | D PHASE SHIFT F                            | PHOTOMASK                                     | BLANKS   |  |   |
|  |   |  |   |  |  |   |
|  |   |  |   |  |  |   |
| APPLN. TYPE  | SMALL ENTITY  | ISSUE FI                                   | EE  | PUBLICATION FEE  | TOTAL FEE(S) DUE   | DATE DUE  |
| nonprovisional   | NO  | \$1330                                     | )   | \$300  | \$1630   | 11/26/2004  |
| EXAM   | UNER  | ART UN                                     | IT I  | CLASS-SUBCLASS   | ]  |   |
| MOHAMEDUL  | LA, SALEHA R  | 1756                                       |   | 430-005000   | J  |   |
| 1. Change of correspondence  | e address or indication of "Fe                                | ee Address" (37                            | 2. For printin                                | g on the patent front page, li   | st   |   |
| CFR 1.363).  Change of correspond  | lence address (or Change of C                                 | Correspondence                             | (1) the name                                  | s of up to 3 registered pater, alternatively,                                |  |   |
|  | lence address (or Change of (22) attached.                    |  | (2) the name                                  | of a single firm (having as a  | member a 2   |   |
| "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.  Tegistered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.  |   |  |   |  |  |   |
| 3. ASSIGNEE NAME AND   |   |  |   |  |  |   |
| PLEASE NOTE: Unless recordation as set forth in  | an assignee is identified be 37 CFR 3.11. Completion of       | low, no assignce of<br>of this form is NOT | data will appear                              | on the patent. If an assign  | ee is identified below, the d  | ocument has been filed for  |
| (A) NAME OF ASSIGNI  |   |  |   | (CITY and STATE OR COL   |  |   |
|  |   |  |   | ,  | ,  |   |
|  |   |  |   |  |  |   |
| Please check the appropriate   |   | ics (will not be pri                       | nted on the pate                              | nt): 🔲 Individual 🚨 Co   | orporation or other private gro  | oup entity 🚨 Government   |
| 4a. The following fee(s) are   | enclosed:   |  | Payment of Fee                                | 7.6  |  |   |
| · error  | scall amiter diagrams account to                              |  |   | he amount of the fee(s) is end   |  |   |
| Publication Fee (No small entity discount permitted)  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment.  |   |  |   |  |  | 49.   |
| Deposit Account Number (enclose an extra copy of this form).   |   |  |   |  |  |   |
| 5. Change in Entity Status   | (from status indicated above)<br>MALL ENTITY status, See 3    |  | Th Anntique                                   | in an Image of the Court   | ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )  |   |
|  |   |  | on Fee (if only)                              | is no longer claiming SMAL   | L ENTITY status. See 37 CF   | R 1.27(g)(2).   |
| The Director of the USPTO i<br>NOTE: The Issue Fee and Pu<br>interest as shown by the reco   | iblication Fee (if required) wards of the United States Pater | ill not be accepted<br>at and Trademark (  | from anyone of<br>Office.                     | her than the applicant; a regis  | r paid issue fee to the applical stered attorney or agent; or the  | tion identified above. e assignee or other party in                               |
| Authorized Signature   |   |  |   | Date   |  |   |
|  |   |  |   | Registration :   | No   |   |
| This collection of information an application. Confidentialit submitting the completed appthis form and/or suggestions. Box 1450, Alexandria, Virginia 22313-1 Under the Paperwork Reduct  |   |  |   |  |  |   |



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria. Virginia 22313-1450

| APPLICATION NO.                          | FILING DATE | FIRST NAMED INVENTOR  | ATTORNEY DOCKET NO.     | CONFIRMATION NO.     |  |
|--|-------------|-----------------------|-------------------------|----------------------|--|
| 10/657.665                               | 09/08/2003  | Marie Angelopoulos    | YOR920010135US2         | YOR920010135US2 2168 |  |
| 7590 08/26/2004                          |             |                       | EXAM                    | EXAMINER             |  |
| Dr. Daniel P. Morris, Esq.               |             | MOHAMEDULLA, SALEHA R |                         |                      |  |
| IBM Corporation<br>Intellectual Property | y Law Dept. |                       | ART UNIT                | PAPER NUMBER         |  |
| P.O. Box 218                             | •           |                       | 1756                    |                      |  |
| Yorktown Heights,                        | NY 10598    |                       | DATE MAILED: 08/26/2004 | ļ.                   |  |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.unpto.gov

| APPLICATION NO. FILING DATE                   |               | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO |
|---|---------------|----------------------|---------------------|-----------------|
| 10/657,665                                    | 09/08/2003    | Marie Angelopoulos   | YOR920010135U\$2    | 2168            |
| 75  | 90 08/26/2004 |                      | EXAM                | INER            |
| Dr. Daniel P. Morris, Esq.<br>IBM Corporation |               |                      | MOHAMEDULI          | LA, SALEHA R    |
| Intellectual Propert                          | y Law Dept.   |                      | ART UNIT            | PAPER NUMBER    |
| P.O. Box 218                                  | •             |                      | 1756                |                 |
| Yorktown Heights,                             | NY 10598      |                      |                     |                 |

DATE MAILED: 08/26/2004

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because an increase in fees effective on October 1, 2004 is anticipated. See Revision of Patent Fees for Fiscal Year 2005; Proposed Rule, 69 Fed. Reg. 25861, 25863, 25864 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is proposed to be amended by revising paragraphs (a) through (c) to read as set forth below. As stated above, the final fee may be a different amount, and applicant should check the WEB site given above when paying the fee.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

| By a small entity (Sec. 1.27(a))           | \$670.00 |
|--|----------|
| By other than a small entity               |          |
| (b) Issue fee for issuing a design patent: |          |
| By a small entity (Sec. 1.27(a))           | \$245.00 |
| By other than a small entity               | \$490.00 |
| (c) Issue fee for issuing a plant patent:  |          |
| By a small entity (Sec. 1.27(a))           | \$325.00 |
| By other than a small entity               | \$650.00 |

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.